

What is claimed is:

1 1. A system for providing information to a mobile client comprising:
2 a mobile device for generating a query which has a visual display; and
3 a broker which receives the query from the mobile device;
4 wherein the query includes identification information about the mobile device and
5 security information.

1 2. The system for providing information to a mobile client of claim 1, further
2 comprising:
3 a mini-server having a mini-server rules database;
4 wherein the broker transmits the query to the mini-server and a secure connection
5 is used to transmit the query if required by the security information.

1 3. The system for providing information to a mobile client of claim 2 wherein the
2 mini-server processes the query according to rules obtained from the mini-server
3 rules database.

1 4. The system for providing information to the mobile client of claim 3 wherein
2 requested information is obtained and formatted for the visual display of the
3 mobile device and the mini-server transmits the requested information to the
4 broker.

3 a personal agent computer having a personal agent rules database;

4 wherein the broker transmits retrieval information to the mobile device and the
5 broker transmits the query to the personal agent over a secure connection.

1 7. The system for providing information to mobile devices of claim 6 wherein the
2 personal agent computer processes the query according to rules obtained from the
3 personal agent rules database.

1 8. The system for providing information to the mobile client of claim 7 wherein
2 requested information is obtained and formatted for the visual display of the
3 mobile device and the personal agent computer transmits the requested
4 information to the broker.

1 9. The system for providing information to mobile devices of claim 8 wherein if the
2 retrieval information is transmitted to the broker the requested information is
3 transmitted to the mobile device and at least a portion requested information is
4 displayed on the visual display.

1 10. The system for providing information to mobile devices of claim 1, further
2 comprising:

3 a mini-server having a mini-server rules database; and

4 a personal agent computer having a personal agent rules database.

5 wherein the broker has a broker rules database and the broker transmits the query
6 to either the mini-server or the personal agent computer in accordance with rules
7 from the broker rules database.

1 11. The system for providing information to mobile devices of claim 10, wherein the
2 personal agent computer or mini-server processes the query according to rules
3 obtained from the personal agent rules database or the mini-server rules database.

1 12. The system for providing information to a mobile client comprising:

2 a mobile device for generating a query which includes identification
3 information; and

4 a mini-server having a mini-server rules database;

5 wherein the mobile device transmits the query to the mini-server and the mini-
6 server processes the query according to rules from the mini-server rules database.

1 13. The system for providing information to the mobile client of claim 12 wherein
2 requested information is obtained and formatted by the mini-server for the visual
3 display of the mobile device, and the mini-server transmits the requested

4 information to the mobile device and a portion of the requested information is
5 displayed on the visual display.

1 14. The system for providing information to the mobile client of claim 13 wherein the
2 query includes security information and the requested information is transmitted
3 to the mobile device over a secure connection if required by the security
4 information.

1 15. A method for providing information to a mobile device comprising the steps:
2 providing a mobile device having a visual display, a broker and a mini-
3 server having a mini-server database;
4 transmitting a query which includes identification information to the
5 broker;
6 transmitting the query from the broker to the mini-server;
7 processing the query according to rules from the mini-server database;
8 obtaining requested information;
9 formatting the requested information for the visual display of the mobile
10 device;
11 transmitting the requested information to the mobile device; and
12 displaying at least a portion of the requested information on the visual display of
13 the mobile device.

- 3 transmitting retrieval information to the mobile device; and
- 4 transmitting the requested information to the mobile device if the retrieval
- 5 information is transmitted to the broker.

1 17. The method for providing information to mobile devices of claim 15 wherein the
2 query includes security information and the transmitting steps are made over
3 secure connections if required by the security information.

1 18. A method for providing information to a mobile device comprising the steps:

2 providing a mobile device having a visual display, a broker and a personal

3 agent computer having a personal agent database;

4 transmitting a query which include identification information to the

5 broker;

6 transmitting the query to the personal agent computer;

7 processing the query according to rules obtained from the personal agent

8 database;

9 obtaining requested information;

10 formatting the requested information for the visual display of the mobile

11 device;

12 transmitting the requested information to the mobile device; and

13 displaying at least a portion of the requested information on the visual display of
14 the mobile device.

1 19. The method for providing information to mobile devices of claim 18 further
2 comprising the steps:

3 attaching a ticket to the request;
4 storing the request in the request que of the broker; and
5 transmitting retrieval information from the broker to the mobile device;
6 wherein the transmitting the modified requested information to the mobile device
7 is only performed if the mobile device transmits the retrieval information to the
8 broker.

1 20. The method for providing information to mobile devices of claim 18 wherein the
2 query includes security information and the transmitting steps made are over
3 secure connections if required by the security information.